

# 115th Avenue and Union Hills Drive Drainage Improvements Project

The Flood Control District of Maricopa County, in partnership with the cities of Peoria and Surprise, is preparing a final design plan to improve the drainage in the area of 115th Avenue and Union Hills Drive (see map). Currently, this area is subject to flooding hazards due to the lack of drainage infrastructure. Flooding hazard locations include Paradise RV Resort, Coyote Lakes, properties along the existing outfall channel to the Agua Fria River south of Bell Road, and the roadway intersections within the project area.

The primary purpose of the project is to protect existing structures and roads located within the project from flooding caused by 100-year storm events, or storm events that have a one percent chance of occurring in any given year. The project is divided into three phases.

## Phase 1

Improve the existing Sun City Drain along 115th Avenue from the Agua Fria River to Bell Road; add a stilling basin at the northeast corner of 115th Avenue and Bell Road to ensure the 100-year flood flows travel under the road; improve the channel grade along 115th Avenue from Bell Road to Union Hills Drive; and add catch basins at the intersection of 115th Avenue and Union Hills Drive.

## Phase 2

Add a storm drain system along Union Hills Drive from 111th Avenue to 107th Avenue (outletting to the Canyon Ridge Channel); add a storm drain system along 107th Avenue from Union Hills Drive to Palm Tree Drive; and improve the existing basins at the northwest and northeast corners of Union Hills Drive and 111th Avenue.

## Phase 3

Improve the existing earthen channel along Beardsley Road from 115th Avenue to 111th Avenue; add a storm drain system along 115th Avenue from Union Hills Drive to Beardsley Road; and add a split flow junction structure at the northeast corner of Beardsley Road and 115th Avenue.

## Timeline

The design of phase one is expected to be completed by summer 2015. Other phases of design and construction will depend on the availability of funding from each of the participating agencies.



Map not to scale.



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## Join Us

We invite you to an upcoming public open house to speak one-on-one with project partners.

### Public Open House

Thursday, March 27

6:00—7:30 PM

Paradise RV Resort

10950 W Union Hills Dr., Sun City

You can also keep up-to-date by signing up to receive Flood Control District project updates via email. To do so, go to <http://eepurl.com/GCGCz> or scan the QR code below. And don't worry, we'll only send you information about projects in the cities/towns you select when signing up.



### Contact

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DESIGN PROJECT NEWSLETTER



**Maricopa County Supervisor:**

Clint L. Hickman, District 4

[www.fcd.maricopa.gov](http://www.fcd.maricopa.gov)

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